CONTINENTAL BREAKFAST - Sequoia Foyer
7:30am - 8:15am, Thursday, 24 September 2015

OPENING CEREMONIES - Sequoia Ballroom
8:15am - 8:30am, Thursday, 24 September 2015

General Chairman:
Doug Shane (F), The SpaceShip Company
Symposium Chairman:
Todd Ericson (AF), Virgin Galactic

SESSION I
8:30am - 12:00pm, Thursday, 24 September 2015
Chairman: Colin Miller (AF), Gulfstream Aerospace

8:30am - 9:00am
“Gulfstream Aerospace G500/GU-500: First Flight Report and Flight Test Update”
Scott Martin (AF), Gulfstream Aerospace
Kevin Claffy (AF), Gulfstream Aerospace

9:00am - 9:30am
“Project MAGIC CARPET: Dramatically Changing Naval Aviation with $100,000”
LCDR Brent Robinson, USN (M)
James Denham, Dept. of the Navy

9:30am - 10:00am
“No Old Dog, New Tricks: Testing the F-16 Hybrid Flight Control System”
Maj Jameel Janjua, RCAF (PAM)
Maj Corey Florendo, USAF (AM)
Shawn Whitcomb, Lockheed Martin

10:00am - 10:30am - Coffee Break

10:30am - 11:00am
Steve Rainey (F), Lockheed Martin
Maj Kees Allamandola, USAF (M)
Chuck Webb, Dept. of the Air Force

11:00am - 11:30am
“Modemizing the Safety Process: Complexity Theory for Flight Test Professionals”
Dr. Daniel Javorske, USAF (M)

11:30am - 12:00pm
“Lessons Learned and Murphy’s Corollary”
Michael Meier (M), Wills Wing, Inc.

SESSION II
1:30pm - 5:00pm, Thursday, 24 September 2015

1:30pm - 2:00pm
“Test Hazard Analysis Considerations for Unmanned Aircraft Systems”
Dr. Robert Joslin (AF), FAA

2:00pm - 2:30pm
“Test Procedures for Race Propellers”
Elliott Seguin (M), Wasabi Air Racing
Justin Gillen, Wasabi Air Racing

2:30pm - 3:00pm
“Active Flutter Suppression Flight Testing Using the X-56A”
Edward Burnett, Lockheed Martin
Michael Hartenstein (AM), Lockheed Martin

3:00pm - 3:30pm
“High Loads During Subsonic Land to Land...What?! F/A-18E/F Infrared Search and Track Pod Testing”
LCDR Eric Zilberman, USN (M)
Michael Wallace (AF), Boeing

3:30pm - 4:00pm - Coffee Break

4:00pm - 4:30pm
“Ouch! Let’s Just Make This One a Full Stop! Steep Approach Testing on the Citation Longitude”
Stuart Rogerson (AF), Textron Aviation
Scott Foster (AM), Textron Aviation

4:30pm - 5:00pm
“F-35: Lessons Learned in Developmental Testing of the First Production Dynamic Inversion FBW Control System”
Dan Canin (AF), Lockheed Martin
Jeff McConnell, Lockheed Martin

DOCUMENTARY SCREENING – Sequoia Ballroom
7:00pm
Special Guest: Robert A. “Bob” Hoover (F)
“Flying the Feathered Edge: The Bob Hoover Project”

CONTINENTAL BREAKFAST - Sequoia Foyer
7:00am - 8:00am, Friday, 25 September 2015

SESSION III
8:00am - 11:30am, Friday, 25 September 2015
Chairman: Lt Col Carrie Reinhardt, USAF (M)

8:00am - 8:30am
“The E-6 Program Taught Me the Realities of Flight Test”
Gerald Whites (F), Boeing

8:30am - 9:00am
“Lessons Learned from Airbus A400M Atlas UK Entry into Service (Eis)”
Lt Steve Whitnall, RAF
Sqn Ldr Glen Willcox, RAF

9:00am - 9:30am
“Maintaining Relevance in the Midst of Dramatic Strategic Change”
Donald Sheesley (AF), Dept. of the Air Force
Dan Vanderforth (F), JT3, LLC

9:30am - 10:00am - Coffee Break

10:00am - 10:30am
“Beware the Frankenstein Trial: Integrated Night Vision and Testing the Striker II HMD”
Peter Kusogorin (AF), BAE Systems
Edward Burnett, Lockheed Martin

10:30am - 11:00am
David Nelson (AF), Lockheed Martin
Jason Bergan, Lockheed Martin

11:00am - 11:30am
“SPACEJAM: Testing a New Capability of Testing and Training in GPS Jammed Environment”
Capt David Levene, USAF

SESSION IV
2:30pm - 5:15pm, Friday, 25 September 2015

2:30pm - 3:00pm
“Variable Stability Learjet - First Flights of an Old Airplane with a New VSS”
Zachary McCarley (M), Calspan Corporation

3:00pm - 3:30pm
“Water Ingestion Tests and Analysis of ARJ-21-700 Aircraft”
Mark Stucky (F), Virgin Galactic

3:30pm - 4:30pm
“Irreducible Complexity Theory for Flight Test Professionals”
Dr. Daniel Javorske, USAF (M)

4:00pm - 4:15pm - Coffee Break

4:15pm - 4:55pm
“F-35: From Supersonic STEALTH to STOVL”
Dan Levin (AF), Lockheed Martin
Peter Wilson (M), BAE Systems

4:45pm - 5:15pm
“SpaceShip Two Lessons Learned and Trajectory Forward”
David Mackay (M), Virgin Galactic
Mark Stucky (F), Virgin Galactic

SESSION V
8:45am - 12:00pm, Saturday, 26 September 2015
Chairman: Troy Fontaine (AF), Dept. of Homeland Security

9:00am - 9:30am
“Harnessing the Sky - The Story of the Pioneering Test Pilot Who Led the Navy from Biplanes to Jets”
Frederick Trapnell

9:30am - 9:50am
“Aircraft Cabin Airflow: Curbing Disease Spread”
Michael Meier (M), Wills Wing, Inc.

9:50am - 10:20am
“Old Dog, New Tricks: Testing the F-16 Hybrid Flight Control System”
Maj Jameel Janjua, RCAF (PAM)
Maj Corey Florendo, USAF (AM)
Shawn Whitcomb, Lockheed Martin

10:20am - 10:50am
“Lessons Learned and Murphy’s Corollary”
Michael Meier (M), Wills Wing, Inc.

10:50am - 11:35am
“Fatal Accident of the X-15-3: The Human Factors”
Immanuel Barshi, NASA Ames Research Center

11:35am - 12:05pm
“StratEx - A Scuba-like System for Stratospheric Exploration”
Alan Eustace, Nspiration, LLC

THE ANNUAL BUSINESS MEETING WILL BEGIN UPON ADJOURNMENT OF THE SYMPOSIUM

BANQUET RECEPTION - SEQUOIA FOYER
5:30pm - 6:30pm

AWARDS BANQUET - SEQUOIA BALLROOM
6:30pm

FRIDAY NIGHT RECEPTION
6:30pm - 9:30pm - Dinner Reception on The Magic Kingdom Lawn at the Disneyland Hotel (continuous transportation to the event will be located at the SETP Registration Desk beginning at 6:15pm)
The Society wishes to thank Boeing for their audiovisual support.

The Society thanks the National Test Pilot School for podcasting the Technical Program.

The SETP Headquarters and registration will be in the Sequoia Registration Booth and will be open:

- **Wednesday**: 23 September, 10:00am - 8:00pm
- **Thursday**: 24 September, 7:00am - 5:00pm
- **Friday**: 25 September, 7:00am - 5:30pm
- **Saturday**: 26 September, 7:00am - 1:00pm

Registration desk will reopen Saturday at 5:30pm.

**SYMPOSIUM AND BANQUET COMMITTEE**

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Symposium Chairman: TODD ERICSON
Luncheon Chairman: JIM BROWN
New Member Reception Chairman: TIM BELOW
Banquet Chairman: ART TOMASSETTI
Displays Chairman: DAN VANDERHORST
Dr. Gerry T. Morton, Jr. Technical Tour Chairman:

Luncheon Chairman: TIM BROWN
Syposium Chairman: TODD ERICSON
New Member Reception Chairman: TIM BELOW
Banquet Chairman: ART TOMASSETTI
Displays Chairman: DAN VANDERHORST
Dr. Gerry T. Morton, Jr. Technical Tour Chairman:

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Welcome to The Society of Experimental Test Pilots' 59th International “Report to the Aerospace Profession”. Doug Shane (F), The SpaceShip Company, and his Symposium Team have developed an exceptional program with both formal and informal venues to allow a formal exchange of information, as well as facilitate networking and renew personal and professional friendships. Our goal is for you to enjoy this gathering and, most importantly, that you can gain some fresh perspectives to allow you to conduct flight tests more effectively and especially, more safely.